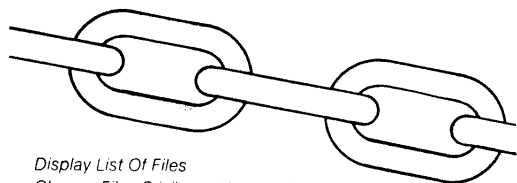# COMPUTER INTELLIGENCE ACCESS

System Administrator

The System Administrator must keep on top of the System. In order to accomplish this task he has the following program options:

Main-Menu (Normal *User* functions)
Add A New User To The System
Delete A User
Change User Name Or Password
Add A File
Delete A File

Display List Of Files
Change Files Privileges (Access Level)
Run Audit File Reports

An explicit *User Manual* describes all these functions in detail.

Private Electronic Mail

As an option the **CIA** program can be delivered with our *High Security E'mail System*, which allows private message or file communication between authorized Users of the system.

This system is the electronic age answer to the 'Confidential-Memo' concept.

With compatible License Numbers the system can be extended for intercompany communications between different personal computers from the same organization in a local area or remote environment.

C.I.A. Security Concepts.

A Data Security system is only as secure as its users allow it to be. The method of protection should be complex, such that any method of attack on the files of the system will be expensive in terms of time and equipment. Our Solution . . .

★ The *D.E.S. Algorithm* (Data Encryption Standard) as proposed by the Federal Government, implemented in a Software version and modified by personalized coding tables, unique for each **C.I.A.** Program.

★ A *File* oriented system with different Access Levels to meet the special requirements of different Users.

★ An *Automatic Audit System* for each file and each User.

★ A *Mandatory Password Procedure To Access The System*.

★ A *Maintenance System* accessible only by *One Person*, the *System Administrator*.

★ *Our Own Algorithm* which converts any *File To A Protected Hidden File*, with no *File Name* In any *Directory*.

★ *Our Own Protection System* which prevents any User from *Erasing Or Deleting A File* protected by the **CIA** program.

All the above features, and more, are included in the **CIA** program which runs on any IBM-compatible *Computer* with 256K of Memory. The **CIA** Program, partially encrypted, is written in C Language, in a compiled executable form, fully protected.

In fact the above is all that a User has to know about the **CIA** Program!!

Free Demonstration

Free demonstrations are available upon request, as well as demo program. For demo program please contact General Data Security Systems or your local computer or software store.

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Access Level Control

The **CIA** standard program controls the Operations of One System Administrator and those of nine other Users with any combination of the following access level:

Full Access: The file is decrypted and ready to be used in an integrated program such as Spread Sheet — Accounting — Word Processor. The system, however, keeps track of such "unprotected" files, in order to determine that they are not renamed or erased, and is able to reencrypt such files, automatically, at the beginning of the next session.

Read Only: The User will only be able to read the file. No Hard Copy Or Floppy Disk Copy.

port: For each operation the Audit Report (accessible only by the System Administrator) will give the User Name, the File Name, date and time of access and details of operation performed

Computer Intelligence Access™

PC HIGH SECURITY FILE ACCESS
CLASSIFIED INFORMATION
IBM PC-XT COMPATIBLE FORMAT
MULTI-USER
7 SECURITY LEVELS
PROTECTS ILLEGAL ACCESS
AUDIT MASTER
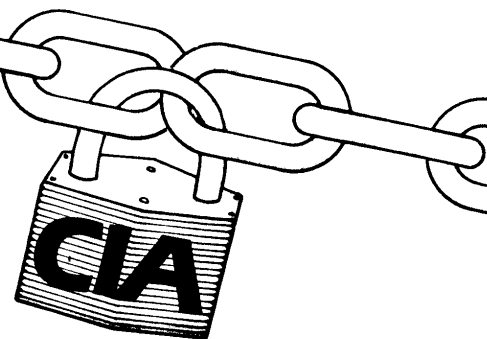**1000 FILES**

Protection of 'Work in Progress'.
Any authorized User is able to protect his/her own work from accidental erasure and unauthorized review.

Protection of Files.
Only the system administrator is able to delete a file, and the **CIA** Program keeps an updated inventory of all files in the system, with immediate notification of any missing file!!!

Discretion Without Frustration.
Only the authorized Users with the appropriate access are able to review the inventory of files protected by the **CIA** Program.

Complete Audit File.
For the first time it is now possible to control the utilization of a personal computer and to authenticate each authorized User.

No Access: The authorized User will not see on the **CIA** Directory the names of files for which No Access has been granted to him. If he ever tries to Access such files, the Audit File will report such an unsuccessful, illegal attempt!

Encrypted Copy Authorized and/or Modem Encrypted: Data will only be duplicated in an encrypted version and need a matching **CIA** program, with appropriate access level to be decoded (**CIA** programs are optionally made, compatible or not, for intercompany communications).

Print (Hard Copy Authorized): This is a unique feature of the **CIA** Program. A User needs this option to be able to print a file, even if the read or write option has been granted to him.

Write (Append): Possibility to add some data to a file, but no changes allowed.

Change: Possibility to write, as well as change data on a file.

GDSS

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